

Work Order ID 98034

Tuesday, March 05, 2013 1:40:12 PM

98034

Page 1

Item ID: D2221

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: 350 Basket Base

Stop

NS2

Start Date: 3/4/2013 **Start Qty:** 1.00

1

Cust Item ID:

Required Date: 4/9/2013 **Req'd Qty:** 1.00

1

Customer:

Reference:

Approvals: Process Plan: *[Signature]*

Date: *13-03-5*

Tooling:

Date:

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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D2221	Rev H
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100	0.00
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100	Large Fab
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Large Fab	Memo	0.00
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1- assemble all ribs and both D2581 in DT9444 jig, weld as per dwg D2221
 2- remove basket from jig and weld D3442-1 shims and D2232-3 hinges as per
 dwg D2221
 3- tack weld mesh on basket as per dwg D2221
 A/R ER316 S.S. Rod Batch: *B124816*

*****PLEASE NOTE SEE DWG*****

IF MAKING -141-041A CUT BUSHING ON BASE BOTH ENDS, OR -143/-
 043A CUT BUSHING ON ONE SIDE ONLY OF BASKET BASE AS PER
 DWG

110	QC9- Inspect visual per QSI004- Fusion Welds	0.00
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110	Memo	0.00
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QC		
Quality Control		

CC 13-4-3

13-04-04

*(DAS
09
9-89)*

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear	General										
	Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>						
	Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>						
	Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>						
	Crushed/Crimped <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>						
	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Moved <input type="checkbox"/>							
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>							
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>						
	Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>								
	Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>								
	Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>								
	Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>								

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Page 2

Item ID: D2221

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: 350 Basket Base

Stop

NS2

Start Date: 3/4/2013 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/9/2013 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:	Stop		*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC	QC6- Inspect dimensions to drawing	0.00							DAS 09 89
Quality Control	Memo	0.00							
125 *125* HandFinish	Pressure Wash per QSI005 4.3	0.00							<i>1 125 4.3</i>
Hand Finishing	Memo	0.00							

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order:		DISPOSITION			AGAINST DEPARTMENT/PROCESS					
		Rework	<input type="checkbox"/>	Skid-tube	<input type="checkbox"/>	Crosstube	<input type="checkbox"/>	Water Jet	<input type="checkbox"/>	Engineering
		Scrap	<input type="checkbox"/>	Machining	<input type="checkbox"/>	Small Fab	<input type="checkbox"/>	Prod. Eng. Coor.	<input type="checkbox"/>	Quality
		Use-as-is	<input type="checkbox"/>	Thermoforming	<input type="checkbox"/>	Finishing	<input type="checkbox"/>	Rec/Store/Packaging	<input type="checkbox"/>	Other
		Work Order Update	<input type="checkbox"/>	Large Fab	<input type="checkbox"/>	Composite	<input type="checkbox"/>	Supplier	<input type="checkbox"/>	
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <hr/> <hr/>						
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <hr/>						
				<input type="checkbox"/> Other						

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Page 3

Item ID: D2221**Accept*****N900040100*****Setup****Start*****NS1*****Revision ID:****Item Name:** 350 Basket Base**Stop*****NS2*****Start Date:** 3/4/2013 **Start Qty:** 1.00***1*****Cust Item ID:****Required Date:** 4/9/2013 **Req'd Qty:** 1.00***1*****Customer:****Reference:****Approvals:****Process Plan:** _____**Date:** _____**Tooling:** _____**Date:** _____**Run****Start*****NR1*****QC:** _____**Date:** _____**SPC (Y/N):** _____**Date:** _____**Stop*****NR2*****Sequence ID/
Work Center ID****Operation
Description****Set Up/
Run Hours****Tool ID****Tool #****Plan
Code****Accept
Qty****Reject
Qty****Reject
Number****Insp.
Stamp**

130

130

Powdercoat

Powder Coating

White Gloss(Ref.4.3.5.2) per QSI005 4.3-Steel

0.00

130 M/ 13/04/04

Memo

I- Plug holes prior to

1ST COAT:

START TIME: 3:30OVEN TEMPERATURE: 400FINISH TIME: 4:00

***** 2nd coat if necessary*****

2ND COAT:

START TIME: _____

OVEN TEMPERATURE: _____

FINISH TIME: _____

140

140

QC

Quality Control

QC3- Inspect Part Finish

0.00

Memo

0.00

1 φ B-48.



NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Part No. _____		NCR No. _____									
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
 Landing Gear Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion Turning Sequence Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <hr/> <hr/> <hr/>	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

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98034

Page 4

Item ID: D2221

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: 350 Basket Base

Stop

NS2

Start Date: 3/4/2013 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/9/2013 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

150

Identify as per dwg & Stock Location:

D350607041

150

Packaging

Packaging

Memo

0.00

1 φ BK B4-8-

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Quality Control

Memo

0.00

13/4/10 JJ

MF

13-4-10

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge			<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Picklist Print

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Work Order ID: 98034

98034

Parent Item: D2221

D2221

Parent Item Name: 350 Basket Base

Start Date: 3/4/2013

Required Date: 4/9/2013

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:J 05.09.02 Added D3442-1 KJ/JLM
 IPP Rev:K 08-08-29 revG as per dwg DD verified by:EC
 IPP Rev:L 08-09-24 plug holes prior to powder coat DD verified by:EC
 IPP Rev:M 08-12-02 revH as per dwg DD verified by:EC IPP Rev:N
 10.06.29 added pressure wash DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2221-1		Manufactured	No			100	Each	12.0000	1	1	**	CC 13-4-3	
D2221-1 Rib													
							<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>			
							WA005		12	B98418	→ (1) (2) (3)		
							86847		1				
							86848		1				
							90856		10				
D2221-5		Manufactured	No			100	Each	7.0000	2	2	**	CC 13-4-3	
D2221-5 Rib													
							<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>			
							WA004		5	B94273	→ (2x)		
							90840		5				
							WA006		2				
							67117		2				
D2221-7		Manufactured	No			100	Each	5.0000	1	1	**	CC 13-4-3	
D2221-7 Rib													
							<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>			
							WA004		5	B87715	→ (1x)		
							89398		5				

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							

Picklist Print

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Work Order ID: 98034

98034

Parent Item: D2221

D2221

Parent Item Name: 350 Basket Base

Start Date: 3/4/2013

Required Date: 4/9/2013

Start Qty: 1.00

Required Qty: 1.00

D2232-3

Manufactured No

100

Each

16.0000

2

2

**

CC 13-4-3

D2232-3

Basket Hinge

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
WA004	16	B 97261 → (2X)
	2	_____
	14	_____

D2235-1

Manufactured No

100

Each

13.0000

2

2

**

CC 13-4-3

D2235-1

Basket Rib

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
WA004	13	B 95720 → (2X)
	4	_____
	4	_____
	1	_____
	4	_____

D2581

Manufactured No

100

Each

48.0000

2

2

**

CC 13-4-3

D2581

Mounting Bracket

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
WA004	48	B 97756 → (2X)
	2	_____
	1	_____
	2	_____
	3	_____
	2	_____
	2	_____
	10	_____
	26	_____

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear			General								
Bending	Bend	General	Grain	Ovalized	Pressure/Forced						
Centre Not Concentric to O/S	BOM/Route		Hardware	Over/Under tolerance	Temperature/Cure						
Cracks	Broken/Damaged		Inspection Incomplete	Part Incorrect	Weld						
Crushed/Crimped.	Burrs		Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled						
Cuffs	Contamination		Maintenance	Part Moved							
Heat Treat	Countersink		Mislabeled	Positioned Wrong							
Inspection Strip in Tube	Cut Too Short		Misread	Power Loss/Surge	Other						
Ripples in Bend	Drill Holes		Offset								
Torque Waves in Extrusion	Drawing		Out of Calibration								
Turning Sequence	Finish		Out of Sequence								
Wave/Twist in Tube	Folio		Outside Dimensions								

Picklist Print

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Work Order ID: 98034

98034

Parent Item: D2221

D2221

Parent Item Name: 350 Basket Base

Start Date: 3/4/2013

Required Date: 4/9/2013

Start Qty: 1.00

Required Qty: 1.00

D3442-1

Manufactured No

100

Each

16.0000

2

2

**

CC 13-4-3

D3442-1

Shim

Location

WA004

Loc Qty

16

Loc Code

B98034

→ (Zx)

D3825-041

Manufactured No

100

Each

16.0000

2

2

**

CC 13-4-3

D3825-041

Rib Assembly (Basket End)

Location

WA004

Loc Qty

16

Loc Code

B97285

→ (Zx)

D3826-041

Manufactured No

100

Each

10.0000

2

2

**

CC 13-4-3

D3826-041

Rib / Gusset Assembly

Location

WA004

Loc Qty

4

Loc Code

B98343

→ (Zx)

D3827-041

Manufactured No

100

Each

8.0000

1

1

**

CC 13-4-3

D3827-041

Rib Assembly (Inboard)

Location

WA005

Loc Qty

8

Loc Code

B89334

→ (Zx)(X)

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
Part No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
NCR No. _____			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
Root Cause		Date	Step	Qty.	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear			General								
Bending		Bend		Grain		Ovalized		Pressure/Forced			
Centre Not Concentric to O/S		BOM/Route		Hardware		Over/Under tolerance		Temperature/Cure			
Cracks		Broken/Damaged		Inspection Incomplete		Part Incorrect		Weld			
Crushed/Crimped.		Burrs		Instructions Incomplete/Unclear		Part Lost/Missing		Wrong Stock Pulled			
Cuffs		Contamination		Maintenance		Part Moved					
Heat Treat		Countersink		Mislabeled		Positioned Wrong					
Inspection Strip in Tube		Cut Too Short		Misread		Power Loss/Surge		Other			
Ripples in Bend		Drill Holes		Offset							
Torque Waves in Extrusion		Drawing		Out of Calibration							
Turning Sequence		Finish		Out of Sequence							
Wave/Twist in Tube		Folio		Outside Dimensions							

Picklist Print

Page 4

Tuesday, March 05, 2013 1:40:17 PM

Work Order ID: 98034

98034

Parent Item: D2221

D2221

Parent Item Name: 350 Basket Base

Start Date: 3/4/2013

Required Date: 4/9/2013

Start Qty: 1.00

Required Qty: 1.00

D3832-1

Manufactured No

100

Each

5.0000

1

1

**

CC 13-4-3

D3832-1

Mesh (Base)

Location

WA
96614

Loc Qty

4
4

Loc Code

B87144 → (1X)

D3833-1

Manufactured No

100

Each

14.0000

2

2

**

CC 13-4-3

D3833-1

Mesh (Base End Face)

Location

WA007
77521
81259
89208
92602

Loc Qty

14
4
1
1
8

Loc Code

B98098 → (2X)

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other			
Root Cause	Date	Step	Qty.	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear	Bending	General	Bend	Grain	Ovalized	Pressure/Forced					
	Centre Not Concentric to O/S		BOM/Route	Hardware	Over/Under tolerance	Temperature/Cure					
	Cracks		Broken/Damaged	Inspection Incomplete	Part Incorrect	Weld					
	Crushed/Crimped.		Burrs	Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled					
	Cuffs		Contamination	Maintenance	Part Moved						
	Heat Treat		Countersink	Mislabeled	Positioned Wrong						
	Inspection Strip in Tube		Cut Too Short	Misread	Power Loss/Surge	Other					
	Ripples in Bend		Drill Holes	Offset							
	Torque Waves in Extrusion		Drawing	Out of Calibration							
	Turning Sequence		Finish	Out of Sequence							
	Wave/Twist in Tube		Folio	Outside Dimensions							

8 7 6 5 4 3 2 1

ITEM	QTY	P/N	DESCRIPTION
1	X	D2221	BASKET BASE ASSEMBLY (AS350)
2	1	D2221-1	RIB
3	2	D2221-5	RIB
4	1	D2221-7	RIB
5	2	D2232-3	BASKET HINGE
6	2	D2235-1	RIB
7	2	D2581	MOUNTING BRACKET
8	2	D3442-1	SHIM
9	2	D3826-041	RIB ASSY (BASKET END)
10	2	D3826-041	RIB/GUSSET ASSY
11	1	D3827-041	RIB ASSY (INBOARD)
12	2	D3833-1	MESH, BASE END FACE
13	1	D3832-1	MESH (BASE)

D
C
B
A

H A
D D
C C
B B
A A

D2221 BASKET BASE ASSEMBLY (AS350)
(MESH SHOWN LOCALLY FOR CLARITY)

*98039
PLB-B-35*

RELEASER
08/11/11

H	REVISED PARTS LIST AND ADDED "ITEM" COLUMN TO PARTS LIST (ZN B3-1); REVISED SECTIONS A-A, B-B AND C-C (ZN C6-3, C2-3 AND A6-3); REVISED DETAIL E (ZN A6-4); ADDED SECTION F-F (ZN B2-4); ADDED DWG DETAILS FOR D2221-1/5-7 (SHEET 5); TOLERANCES TO 2 DEC PLACES (ZN D8-3 AND ZN D8-2); REVISED SECTION G RELATED TO D2221-1; D2221-1 REPLACES D2235-1/D2235-1/D3827-041; D3826-041 REPLACES D2221-1 ON INBOARD SIDE; ADDED D3832-1 AND D3833-1; REASON: SATISFY "LEAN MANUFACTURING" PROGRAM.	MB	08.09.18
G	MATERIAL FOR -1, -3, -5 & -7 WAS 0.060 WALL; LID RAPID FOR 96.00 DIM WAS +/-0.01 AND 56.00 DIM WAS RAPID (ZN B2-4) 19.62 DIM WAS 0.00; DIMENSION IS NOW "REF" (ZN B4-2). NOTE 5 TRANSFERRED FROM SHT 1 TO SHT 2. SHT 2 MESH MATERIAL UPDATED; DRAWING TRANSFERRED TO "B" FORMAT	AJS	08.06.16
F	ADD SHIM UNDER HINGE; ADD HOLES FOR SPLIT LID BASKET	PH	05.06.07
E	CHANGE HINGE	CP	01.04.19
D	CHANGE LATCH	BW	96.06.21
C	SEPARATE BASKET AND LID	KH	95.11.21
REV.	DESCRIPTION	BY	DATE
DESIGN	BW	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>MS</i>	DRAWING NO.	REV. H
MFG. APPR.	<i>MS</i>	D2221	SHEET 1 OF 5
APPROVED	<i>MS</i>	TITLE	SCALE
DE APPR.	<i>MS</i>	BASKET BASE ASSEMBLY (350) NTS	
DATE	08.09.18	COPYRIGHT © 1994 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE EXCEPT OR COMMUNICATED TO ANY OTHER PERSON, WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

8 7 6 5 4 3 2 1

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT GLOSS WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 42.00 lbs APPROX
- 8) MASK ALL HOLES PRIOR TO POWDER COATING

NCR: Yes / No

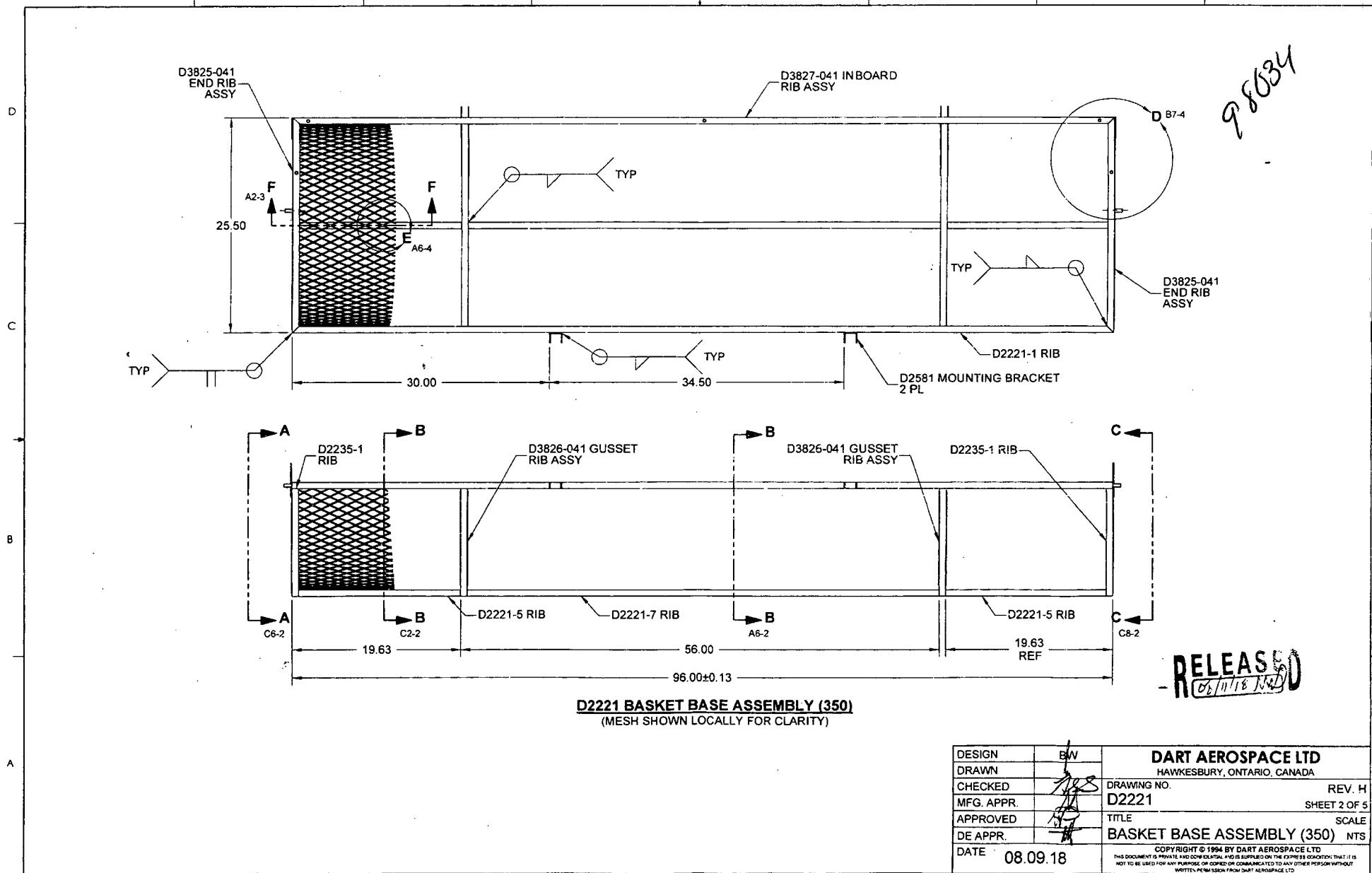
DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION <input type="checkbox"/> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update		AGAINST DEPARTMENT/PROCESS <input type="checkbox"/> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other									
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector					
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
FAULT CATEGORY															
Landing Gear <input type="checkbox"/> <input type="checkbox"/>	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio					<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions									
						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge					<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled				
											<input type="checkbox"/> Other				

8 7 6 5 4 3 2 1



8 7 6 5 4 3 2 1

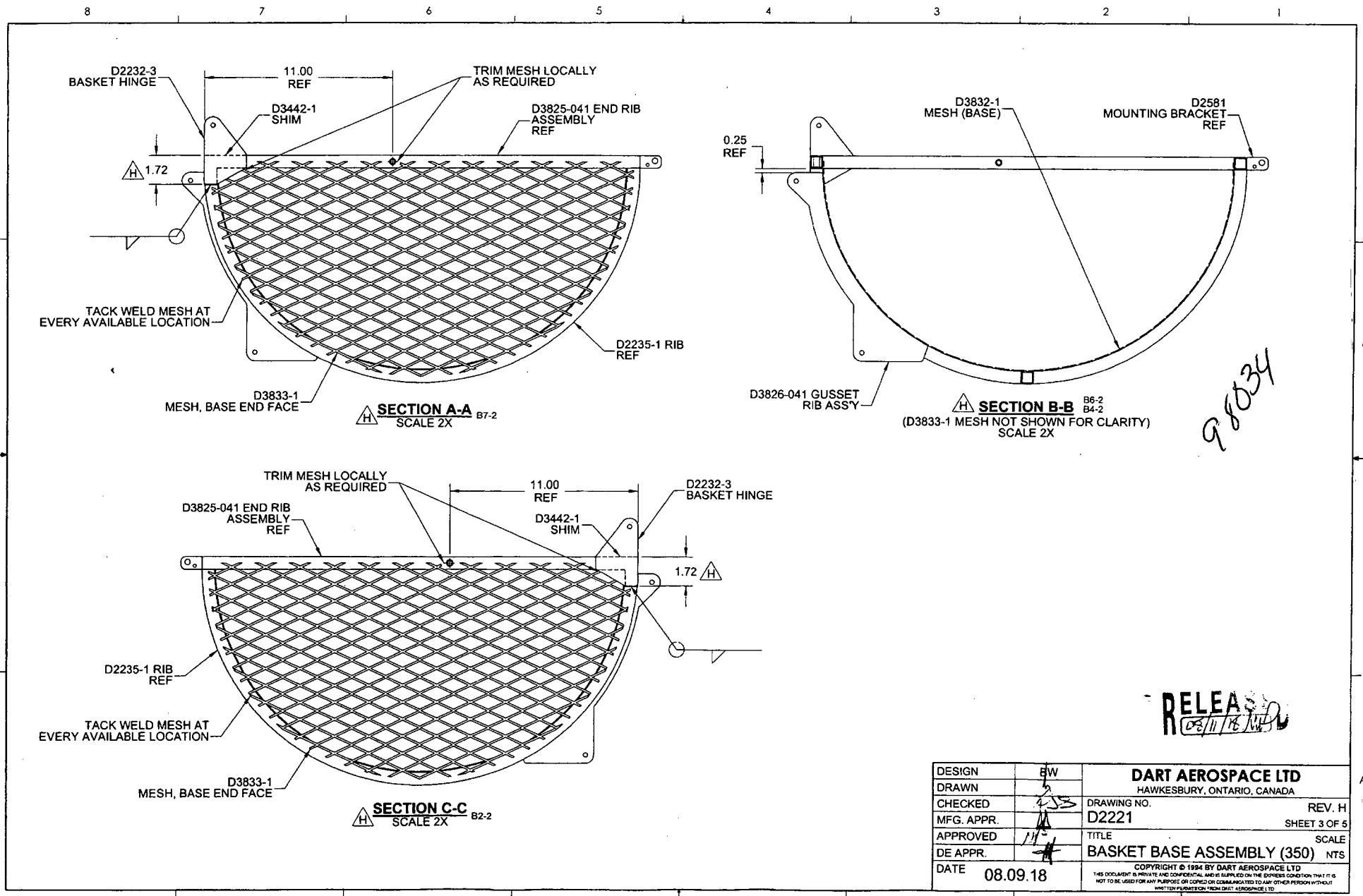
NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>						
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector	
Doc/Data												
Equip/Tooling												
Operator												
Material												
Setup												
Other												
Process												
Supplier												
Training												
Unapproved												
FAULT CATEGORY												
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio				Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/>				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	
												<input type="checkbox"/> Other



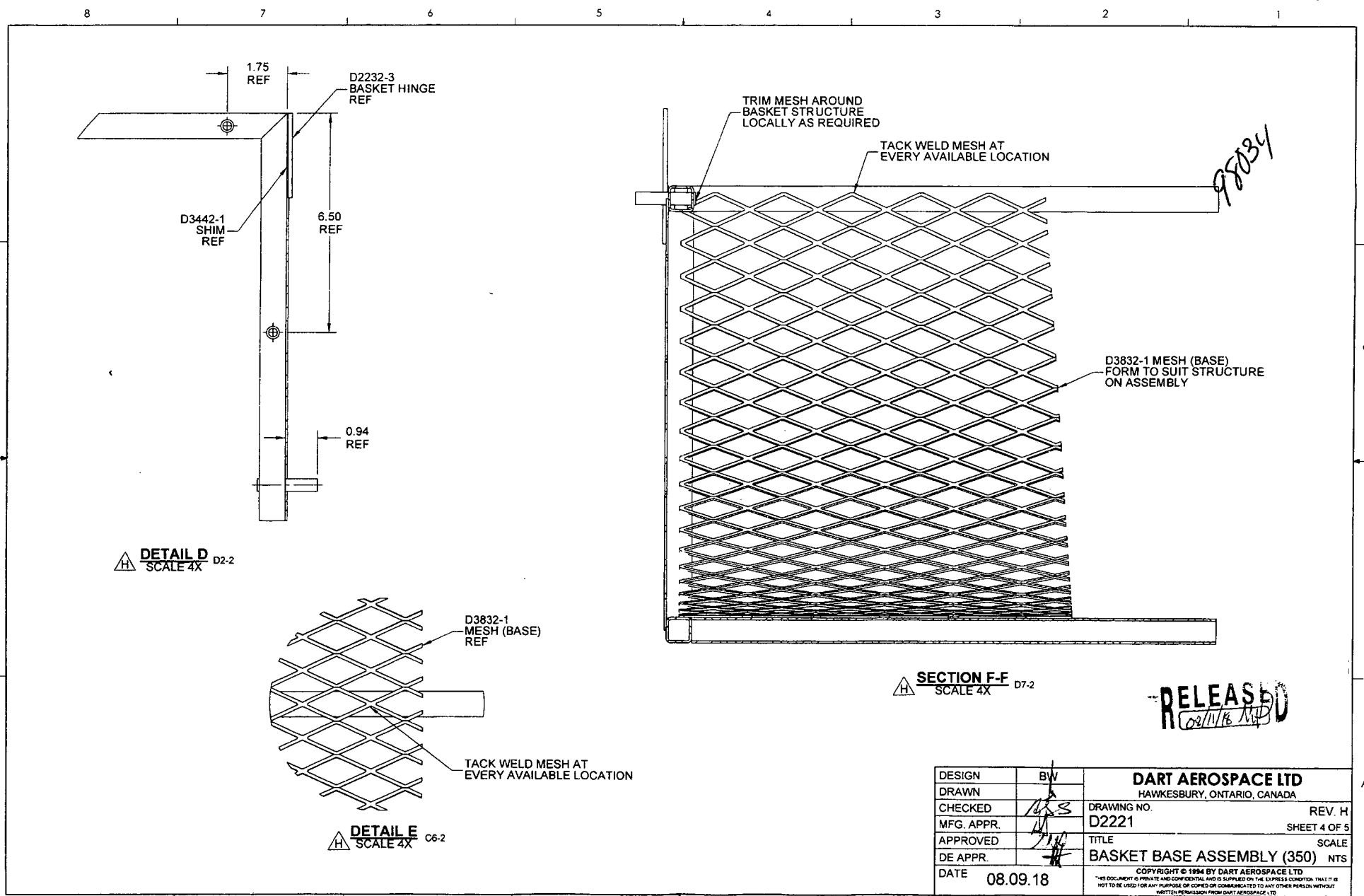
NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear	General										
	Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>						
	Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>						
	Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>						
	Crushed/Crimped. <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>						
	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Moved <input type="checkbox"/>							
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>							
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>							
	Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>	<input type="checkbox"/>							
	Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>	<input type="checkbox"/>							
	Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	<input type="checkbox"/>							
	Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	<input type="checkbox"/>							
				<input type="checkbox"/>							
				<input type="checkbox"/>							
				<input type="checkbox"/>							



NCR: Yes / No

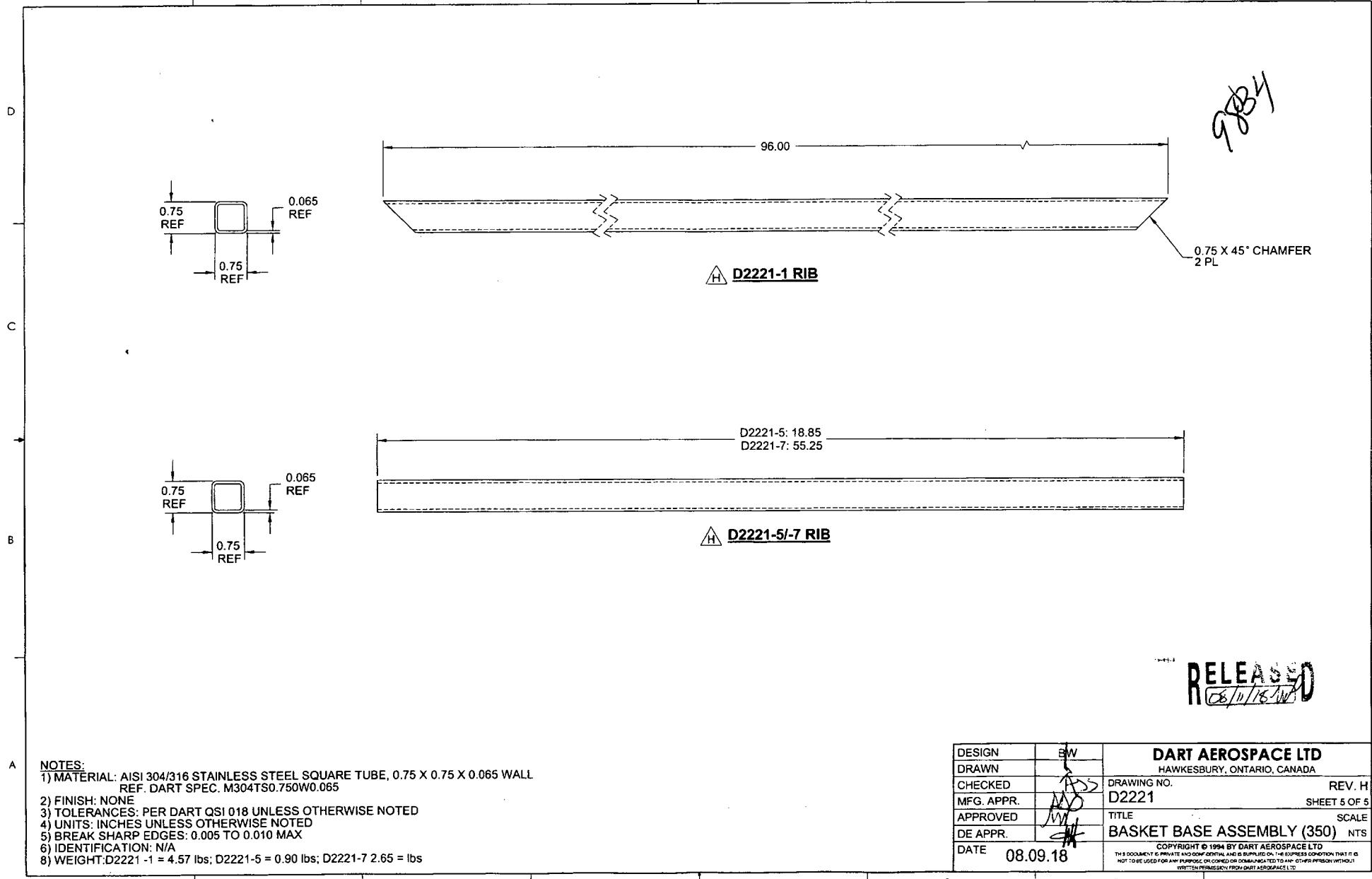
DQA: Date:

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order:				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part No.				Rework		Skid-tube		Crosstube		Water Jet		Engineering	
NCR No.				Scrap		Machining		Small Fab		Prod. Eng. Coor.		Quality	
				Use-as-is		Thermoforming		Finishing		Rec/Store/Packaging		Other	
				Work Order Update		Large Fab		Composite		Supplier			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector		
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other													
Process													
Supplier													
Training													
Unapproved													
FAULT CATEGORY													
Landing Gear				General									
Bending	Bend	Grain	Ovalized							Pressure/Forced			
Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance							Temperature/Cure			
Cracks	Broken/Damaged	Inspection Incomplete	Part Incorrect							Weld			
Crushed/Crimped.	Burrs	Instructions Incomplete/Unclear	Part Lost/Missing							Wrong Stock Pulled			
Cuffs	Contamination	Maintenance	Part Moved										
Heat Treat	Countersink	Mislabeled	Positioned Wrong										
Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge										
Ripples in Bend	Drill Holes	Offset	Other										
Torque Waves in Extrusion	Drawing	Out of Calibration											
Turning Sequence	Finish	Out of Sequence											
Wave/Twist in Tube	Folio	Outside Dimensions											

8 7 6 5 4 3 2 1



8 7 6 5 4 3 2 1

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS														
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/>	Quality <input type="checkbox"/>	Other <input type="checkbox"/>
Part No. _____			Work Order Update <input type="checkbox"/>																	
NCR No. _____																				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description			Sign & Date	Verification		QC Inspector							
Doc/Data																				
Equip/Tooling																				
Operator																				
Material																				
Setup																				
Other																				
Process																				
Supplier																				
Training																				
Unapproved																				
FAULT CATEGORY																				
Landing Gear				General																
Bending		Bend <input type="checkbox"/>		Grain <input type="checkbox"/>		Ovalized <input type="checkbox"/>		Pressure/Forced <input type="checkbox"/>												
Centre Not Concentric to O/S		BOM/Route <input type="checkbox"/>		Hardware <input type="checkbox"/>		Over/Under tolerance <input type="checkbox"/>		Temperature/Cure <input type="checkbox"/>												
Cracks		Broken/Damaged <input type="checkbox"/>		Inspection Incomplete <input type="checkbox"/>		Part Incorrect <input type="checkbox"/>		Weld <input type="checkbox"/>												
Crushed/Crimped.		Burrs <input type="checkbox"/>		Instructions Incomplete/Unclear <input type="checkbox"/>		Part Lost/Missing <input type="checkbox"/>		Wrong Stock Pulled <input type="checkbox"/>												
Cuffs		Contamination <input type="checkbox"/>		Maintenance <input type="checkbox"/>		Part Moved <input type="checkbox"/>														
Heat Treat		Countersink <input type="checkbox"/>		Mislabeled <input type="checkbox"/>		Positioned Wrong <input type="checkbox"/>														
Inspection Strip in Tube		Cut Too Short <input type="checkbox"/>		Misread <input type="checkbox"/>		Power Loss/Surge <input type="checkbox"/>		Other <input type="checkbox"/>												
Ripples in Bend		Drill Holes <input type="checkbox"/>		Offset <input type="checkbox"/>																
Torque Waves in Extrusion		Drawing <input type="checkbox"/>		Out of Calibration <input type="checkbox"/>																
Turning Sequence		Finish <input type="checkbox"/>		Out of Sequence <input type="checkbox"/>																
Wave/Twist in Tube		Folio <input type="checkbox"/>		Outside Dimensions <input type="checkbox"/>																